

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-230966

(43)Date of publication of application : 27.08.1999

---

(51)Int.Cl.

G01N 33/564

G01N 33/53

G01N 33/574

---

(21)Application number : 10-032489

(71)Applicant : EISAI CO LTD

(22)Date of filing : 16.02.1998

(72)Inventor : HIRASAWA YASUSHI  
KONO SHUKO  
YOKOYAMA AKIHITO  
HIWADA KUNIO

---

## (54) METHOD FOR PROGNOSTICALLY INSPECTING PULMONARY CANCER

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for prognostically inspecting a pulmonary cancer patient and an inspecting reagent.

**SOLUTION:** The method for prognostically inspecting a pulmonary cancer comprises the steps of reacting an MUC1 mutin solidified to a solid phase with a specimen sample, then removing a nonreactive substance by cleaning, reacting the obtained reactive substance with a labeled anti-human IgG antibody, thereafter, removing the not bonded excess labeled anti-human IgG antibody by cleaning, and measuring the bonded labeled anti-human IgG antibody amount to determine an anti-MUC1 mutin self-antibody amount in the sample, thereby prognostically inspecting a pulmonary cancer patient. In this case, patient's anti-MUC1 mutin self-antibody amount is compared with that of a normal person, and is significantly lowered.